

Docket No.: 50024-027

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of	:	Customer Number: 20277
	:	
Masaharu ITAYA, et al.	:	Confirmation Number:
	:	
Serial No.:	:	Group Art Unit:
	:	
Filed: March 24, 2004	:	Examiner: Unknown
	:	
For: POSITIVE ELECTRODE, NON-AQUEOUS ELECTROLYTE SECONDARY BATTERY, AND METHOD OF MANUFACTURING THE SAME		

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop IDS  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached form PTO-1449. It is respectfully requested that the documents be expressly considered during the prosecution of this application, and that the documents be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed within three months of the U.S. filing date OR before the mailing date of a first Office Action on the merits. No certification or fee is required.

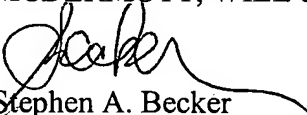
The relevance of the references listed on attached Form 1449 is discussed in the present specification.

**Serial No.:**

Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 500417 and please credit any excess fees to such deposit account.

Respectfully submitted,

MCDERMOTT, WILL & EMERY



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**Date: March 24, 2004**

<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  <b>(PTO-1449)</b>				ATTY. DOCKET NO. <b>50024-027</b>		SERIAL NO.	
				APPLICANT <b>Masaharu ITAYA, et al.</b>			
				FILING DATE <b>March 24, 2004</b>		GROUP	
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER'S INITIALS	CITE NO.	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
		US					
		US					
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		US					
<b>FOREIGN PATENT DOCUMENTS</b>							
EXAMINER'S INITIALS	CITE NO.	Foreign Patent Document Country Codes -Number 4 -Kind Codes (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Figures Appear	Translation	
						Yes	No
		EP 1 231 651 A1	08/14/2002	SANYO ELECTRIC CO., LTD.		(In English)	
		JP P2001-266851A	09/28/2001		Corresponds to EP 1 231 651		
		JP P2002-83594A	03/22/2002		Corresponds to EP 1 231 651		
		JP 4-267073	09/22/1992	MATSUSHITA ELECTRIC IND CO LTD		(Japan w/English Abstract and partial English translation)	
		JP 8-115724	05/07/1996	MATSUSHITA ELECTRIC IND CO LTD		(Japan w/English Abstract)	
<b>OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
EXAMINER'S INITIALS	CITE NO.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.					
		San-Cheol HAN, et al., "Effect of Multiwalled Carbon Nanotubes on Electrochemical Properties of Lithium/Sulfur Rechargeable Batteries", Journal of Electrochemical Society, 150 (7) A889-A893 (2003)					
		Bo JIN, et al., "Electrochemical Properties of Lithium-Sulfur Batteries", Journal of Power Sources 117 (2003) 148-152					
		Ju-Yup. KIM, et al., "Oxalate Compounds as an Addictive For Rechargeable Li/S Battery System", Abs. 362, 204th Meeting, 2003 The Electrochemical Society, Inc.					
		Young-Gyoon RYU, et al., "Modification of Interface Between Lithium and Electrolyte for Rechargeable Lithium-Sulfur Battery", Abs. 398, 204th Meeting, 2003 The Electrochemical Society, Inc.					
		Yuriy V. MIKHAYLIK, et al., "300 Wh/kg Rechargeable Li/S Battery Operating at - 40°C", Abs. 430, 204th Meeting, 2003 The Electrochemical Society, Inc.					
		H.S. RYU, et al., "The Self-Discharge Behaviors of Lithium/Sulfur Cells with Tetra Ethylene Glycol Dimethyl Ether (TEGDME) as Electrolyte", Abs. 431, 204th Meeting, 2003 The Electrochemical Society, Inc.					
EXAMINER				DATE CONSIDERED			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.